



A BIBLIOGRAPHY of the Recent Mammals of Texas

By *GERALD G. RAUN*



THE MUSEUM OF THE UNIVERSITY OF TEXAS

24TH & TRINITY

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Foreword

One of the major problems facing a research worker in any field of science is the acquisition of knowledge of the literature pertaining to his interest. This problem is particularly acute to graduate students undertaking their first research and to those workers who move into a new region or a new phase of research with which they are not intimately familiar. Bibliographic research is, to many people, an onerous and thankless task. Much of the time invested leads only to dead ends and discouragement. Nonetheless, it is a necessary evil without which one could not progress.

While it is recognized that any bibliography is out of date before it is published, it is hoped that this attempt at a compilation of the literature pertaining to mammals in Texas will, in a small way, help to expedite the vast amount of work that remains to be done. The area covered is a complex and important geographic region, and while the volume of the literature might lead one to think otherwise, our understanding of the mammals of Texas is hardly more than embryonic. For the most part, the work on mammals in Texas has been done by "tourists." Only in the past quarter of this century have there been workers, based in the state, with the necessary personal interest and institutional encouragement to carry on intensive research. They are still too few and the boundaries of our knowledge advance slowly.

I have included in this bibliography every reference to a Recent mammal in Texas (with the exception of hunting stories) that I have been able to cite completely. Most of these I have personally read; some have been taken from the citations of other authors and included even though I was unable to obtain the original paper. In the course of compilation it was noted that authors all too frequently neglect to check the accuracy of their bibliography. On several occasions citations were found which bore little resemblance to the original paper when it was finally located. Bibliographic sections are error-prone and should be checked and rechecked carefully. Without doubt, I shall be found guilty of the same sin of which I complain. A complete recheck of all of the included references was not possible and typographical errors are bound to creep in. The responsibility for errors of commission and omission is mine alone.

I do not claim that this work is complete. The references are too numerous and too scattered for one person to find them all. Important references have, no doubt, been missed. This is particularly true of the works published prior to 1900 and of the section dealing with parasites and diseases which is probably the least adequate portion of this bibliography. Foreign publications are not included. As it is my desire to continue this project, I welcome any criticism, comment, and notification of excluded references which would make a future revision more useful and complete.

Papers which include references to more than five genera have been included only once in section I–VII to avoid unnecessary duplication. Those papers which deal with five or fewer genera are listed under each of the generic headings. In order to locate references to the genus *Blarina*, for example, one should consult section IX, *Blarina* and sections I, II, and IV. It is hoped that this system of arrangement will facilitate use of this bibliography and reduce to a minimum the amount of index-consulting and page-turning.

It would have been more useful to have indexed down to species. However, this compilation was originally intended to be only for the author's personal use. By the time the decision was made to publish, it was beyond the author's limited time and facilities to recheck all the accumulated references.

This work was made possible by the financial assistance of the Rob and Bessie Welder Wildlife Foundation, Sinton, Texas. I wish to express my gratitude to Dr. Clarence Cottam, Director, and to the Board of Trustees, Messrs. John J. Welder, Patrick H. Welder, and M. Harvey Weil. Many people have materially assisted in this project. To attempt a comprehensive list would invariably lead to slighting a few. In particular, I would like to express my gratitude to the following people for the use of personal and institutional library facilities and other courtesies: Dr. Richard B. Manville, Fish and Wildlife Service, United States National Museum; Dr. W. Frank Blair, the University of Texas; Dr. W. B. Davis and Mr. James R. Dixon, Texas A and M College; Mr. L. C. Moloney, Texas A & I College; and Dr. Richard B. Eads, Texas State Health Department. I am indebted to my wife, Elizabeth, for many tedious hours spent in checking reference cards, manuscript, and proof.

List of Abbreviations

A. A. A. S.	American Association for the Advancement of Science
Amer. J. Publ. Health	American Journal of Public Health
Amer. J. Trop. Med.	American Journal of Tropical Medicine
Amer. J. Trop. Med. & Hyg.	American Journal of Tropical Medicine and Hygiene
Amer. J. Vet. Res.	American Journal of Veterinary Research
Amer. Midl. Nat.	American Midland Naturalist
Amer. Mus. Novit.	American Museum Novitates
Amer. Nat.	American Naturalist
Ann. Ent. Soc. Amer.	Annals of the Entomological Society of America
Ann. Mag. Nat. Hist.	Annals and Magazine of Natural History
B. A. M. N. H.	Bulletin of the American Museum of Natural History
Biol. Bull.	Biological Bulletin
Biol. Surv. Bull.	Biological Survey Bulletin
Biol. Surv.	Biological Survey
Bull. Mus. Comp. Zool.	Bulletin of the Museum of Comparative Zoology
Bur. Biol. Surv.	Bureau of Biological Survey
B. U. S. N. M.	Bulletin of the U. S. National Museum
Cont. Lab. Vert. Biol.	Contributions of the Laboratory of Vertebrate Biology, University of Michigan
Div. Ornith. & Mamm.	Division of Ornithology and Mammalogy
Ent. News	Entomological News
Field Columb. Mus.	Field Columbian Museum
Field Mus. Nat. Hist., Zool Ser.	Field Museum of Natural History, Zoological Series
F. & W. S.	Fish and Wildlife Service
Ill. Biol. Monogr.	Illinois Biological Monographs
J. Amer. Vet. Med. Assoc.	Journal of American Veterinary Medical Association
J. Econ. Ent.	Journal of Economic Entomology
J. Forestry	Journal of Forestry
J. Kan. Ent. Soc.	Journal of the Kansas Entomological Society

J. Mamm.	Journal of Mammalogy
J. Morph.	Journal of Morphology
J. Morph. & Physiol.	Journal of Morphology and Physiology
J. Parasit.	Journal of Parasitology
J. Range Man.	Journal of Range Management
J. W. A. S.	Journal of the Washington Academy of Science
J. Wildl. Man.	Journal of Wildlife Management
M. Z. L. S. U.	Museum of Zoology, Louisiana State University
Nat. Geogr. Mag.	National Geographic Magazine
Nat. Hist.	Natural History
Nat. Inst. Health	National Institute of Health
Nat. Spel. Soc. Bull.	National Speleological Society Bulletin
N. Amer. Fauna	North American Fauna
Pac. R. R. Rept.	Pacific Railroad Report
P. A. N. S. P.	Proceedings of the Academy of Natural Sciences of Philadelphia
P. B. S. N. H.	Proceedings of the Boston Society of Natural History
P. B. S. W.	Proceedings of the Biological Society of Washington
P. N. A. W. C.	Proceedings of the North American Wildlife Conference
Proc., Ent. Soc. Wash.	Proceedings of the Entomological Society of Washington
Proc. Hel. Soc. Wash.	Proceedings of the Helminthological Society of Washington
Proc. Tex. Acad. Sci.	Proceedings of the Texas Academy of Science
P. U. S. N. M.	Proceedings of the U. S. National Museum
P. W. A. S.	Proceedings of the Washington Academy of Science
Proc. Zool. Soc. London	Proceedings of the Zoological Society of London
Publ. Health Bull.	Public Health Bulletin
Publ. Health Monogr.	Public Health Monographs
Publ. Health Repts.	Public Health Reports
Smiths. Inst.	Smithsonian Institution

Smiths. Misc. Coll.	Smithsonian Miscellaneous Collection
Smiths. Rept.	Smithsonian Report
Sw. Nat.	Southwestern Naturalist
T. C. W. R. U.	Texas Cooperative Wildlife Research Unit
Tex. Agric. Exp. Sta.	Texas Agricultural Experiment Station
Tex. Dept. Agric.	Texas Department of Agriculture
Tex. G. & F.	Texas Game and Fish
Tex. J. Sci.	Texas Journal of Science
Tex. Repts. Biol. & Med.	Texas Reports in Biology and Medicine
Tex. State J. Med.	Texas State Journal of Medicine
T. G. & F. C.	Texas Game and Fish Commission
T. G. F. & O.	Texas Game, Fish, and Oyster Commission
Trans. Amer. Micr. Soc.	Transactions of the American Microscopic Society
Trans. Tex. Acad. Sci.	Transactions of the Texas Academy of Science
U. C. P. Z.	University of California Publications in Zoology
U. K. M. N. H.	University of Kansas Publications, Museum of Natural History
U. M. M. Z.	University of Michigan Museum of Zoology
U. S. D. A.	United States Department of Agriculture
U. S. D. H. E. W.	United States Department of Health, Education and Welfare
U. S. D. I.	United States Department of the Interior
U. S. D. T.	United States Department of the Treasury
U. S. F. W. S.	United States Fish and Wildlife Service
U. S. S. T.	U. S. Geological and Geographical Survey of the Territories
Wildl. Dis.	Wildlife Disease
Wildl. Monogr.	Wildlife Monographs

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XI

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XII

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XIV

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FAMILY BALAENOPTERIDAE

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XV

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GENERAL

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